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SOURCES OF RADIO INFORMATION

March 17, 1947



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## SOURCES OF RADIO INFORMATION

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1. U.S. Government Radio Publications

The papers on radio subjects issued by the National Bureau of Standards are published either by the Government Printing Office or in various periodicals. Most of them are of interest primarily to the radio engineer or scientist. A list of the Bureau's current radio publications can be secured by addressing a request to National Bureau of Standards, Washington 25, D. C. News of the Bureau's radio work, and announcements of new publications are given in the "Technical News Bulletin", issued monthly and available from the Superintendent of Documents, Government Printing Office, Washington 25, D. C., for \$1.00 a year (to addresses in the United States and its possessions and to countries extending the franking privilege); other countries \$1.35. The publications of the National Bureau of Standards cover many subjects, including, besides radio, electricity, light, sound, heat, chemistry, metallurgy, engineering materials, standards of weight and measure, and many other scientific and technical subjects.

"Basic Radio Propagation Predictions" is a monthly publication for those concerned with radio communication in determining the best sky-wave frequencies over any path at any time of day for average conditions for the month of prediction, which are made three months in advance. Charts of extra-ordinary-wave critical frequency for the F2 layer and of maximum usable frequency for a transmission distance of 4,000 km, of highest frequency of sporadic-E in excess of 15 Mc are included. In addition, there are various maps, charts, diagrams, and nomograms needed to make practical application of the world-wide charts, together with examples of their use. These predictions are available from the Superintendent of Documents, Government Printing Office, Washington 25, D. C., for \$1.50 a year (to addresses in the United States and its possessions and to countries extending the franking privilege); other countries \$2.00.

The laws and regulations governing radio are given in publications listed in Section 2 below.

## 2. Radio Laws and Regulations

Publications.— Radio is regulated internationally by the International Telecommunications Convention and the General Radio Regulations. The Convention is published in a book, "International Radiotelegraph Conference, Madrid, 1932" (State Department Publication S40, Conference Series 15), price 30 cents; and in a book, "Telecommunication" (State Department Treaty Series No. 867), price 20 cents; both obtainable from Superintendent of Documents, Government Printing Office, Washington, D.C. The General Radio Regulations are published in a book, "International Telecommunications Conferences, Cairo 1938" (State Department Publication 1286, Conference Series 39), obtainable for 45 cents from Superintendent of Documents, Government Printing Office, Washington, D.C.

International actions on radio, not having the force of law but used as a guide in national regulations and practice, are the Opinions of the International Consulting Committee. Those in force are given in two publications; "International Radio Consulting Committee, Lisbon 1934, Report of the Delegation of the U.S.A." (State Department Publication 827, Conference Series 21), price 50 cents; and "International Radio Consulting Committee, Bucharest 1937, Report of the Delegation of the U.S.A." (State Department Publication 1352, Conference Series 41), price 35 cents; both obtainable from Superintendent of Documents, Government Printing Office, Washington, D. C.

The radio laws of the United States are given in "The Communications Act of 1934 with amendments and indexes thereto, revised to June 14, 1945", price 15 cents; and "Radio Laws of the United States, Compiled by Elmer A. Lewis, 1944", price 20 cents; both obtainable from Superintendent of Documents, Government Printing Office, Washington 25, D. C.

The regulations issued by the Federal Communications Commission are published in the Federal Register, a daily publication obtainable from the Superintendent of Documents, Government Printing Office, at \$10 per year. These regulations are compiled in a series of pamphlets called "Federal Communications Commission Rules and Regulations", obtainable from the Superintendent of Documents, Government Printing Office. Those dealing with radio are listed here, with prices.

- Part 1 - Rules of practice and procedure. 10¢
- Part 2 - General rules and regulations. 10¢
- Part 3 - Rules governing standard broadcast stations. 10¢
- Part 4 - Rules governing broadcast services other than standard broadcast. 10¢
- Part 5 - Rules and regulations governing experimental radio services. 5¢
- Part 6 - Rules governing fixed public radio services. 5¢
- Part 7 - Rules governing coastal and marine relay services. 5¢
- Part 8 - Rules governing ship service. 15¢
- Part 9 - Rules and regulations governing aviation services. 5¢
- Part 10 - Rules governing emergency radio services. 10¢
- Part 11 - Rules governing miscellaneous radio services. 5¢
- Part 12 - Rules governing amateur radio: Stations and operators. 10¢
- Part 13 - Rules governing commercial radio operators. 5¢
- Part 14 - Rules governing radio stations in Alaska other than amateur and broadcast. 5¢

Of interest are the following publications, also obtainable from the Government Printing Office:

Standards of good engineering practice concerning standard broadcast stations (550-1600 kc). Revised to June 1, 1944. 65¢

Standards of good engineering practice concerning FM broadcast stations. Revised to January 9, 1946. 10¢

Standards of good engineering practice concerning television broadcast stations. Revised to December 19, 1945. 10¢

Study guide and reference material for commercial radio operator examinations. 15¢

Safety Regulations. - All ordinary precautions required for the safe operation of any electrical equipment should be observed in every radio station; for example, all high-voltage wiring should be carefully insulated and kept as far as possible from other wiring and so placed as to minimize the possibility that persons may come in contact with it, and suitable danger tags should be displayed.

Insurance companies and city governments make certain requirements regarding electrical installations in buildings, radio antennas, etc. The usual requirements are summarized in a small book, the National Electrical Code, which may be obtained for five cents from the National Board of Fire Underwriters, 85 John Street, New York, N. Y.

Standard rules for safety procedure are given in the National Electrical Safety Code. The rules applicable to radio are given in "Safety Rules for Radio Installations," National Bureau of Standards Handbook H35 (1939), which may be obtained for ten cents from the Superintendent of Documents, Government Printing Office, Washington 25, D. C.

Licenses. - Information on radio amateur operators and station licenses is obtainable from the Federal Communications Commission, Amateur Section, Washington, D. C.

### 3. Periodicals

The following is a partial list of periodicals largely devoted to radio. They are monthly, except where otherwise stated. A number of electrical and general magazines also publish considerable radio information.

A classified list of the articles of radio engineering interest appearing in periodicals is published each month in the Wireless Engineer, a British magazine listed below. A short abstract of each article is given.

Information on Government radio publications is given in Sections 1 and 2 above.

a. American Periodicals

Bell System Technical Journal. Published by American Telephone and Telegraph Co., 195 Broadway, New York, N.Y. (Technical). (Quarterly).

Bibliography of Scientific & Industrial Reports. Office of Technical Services, Department of Commerce, Washington, D. C. \$10.00 per year. (Technical). (Weekly).

Communications. Bryan Davis Publishing Co., Inc., 19 E. 47th St., New York, N. Y. (Technical).

CQ. Radio Magazines Inc., 342 Madison Ave., New York 17, N. Y.

Electrical Communication. International Standard Electric Corp., 67 Broad Street, New York, N. Y. (Technical).

Electronic Industries and Instrumentation (formerly Electronic Industries). Published by Caldwell-Clements, Inc., 480 Lexington Ave., New York 17, N. Y. (Technical).

Electronics. McGraw-Hill Publishing Co., Inc., 330 W. 42nd St., New York, N. Y. (Technical).

General Radio Experimenter. Published by General Radio Co., 30 State St., Cambridge, Mass. (Trade, technical).

FM and Television. FM Co., 240 Madison Ave., New York, N. Y. (Technical).

Proceedings of the Institute of Radio Engineers, 1 East 79th St., New York 21, N. Y. (Technical).

QST. Published by American Radio Relay League, West Hartford, Conn. (Technical).

Radio-Craft. Radcraft Publications, Inc., 25 W. Broadway, New York, N. Y. (Semitechnical).

Radio News. Ziff-Davis Publishing Co., 540 N. Michigan Ave., Chicago 11, Ill. (Semitechnical).

Radio and Television Retailing. Caldwell-Clements Inc., 480 Lexington Ave., New York 17, N. Y. (Trade).

Tele-Tek (formerly Electronics Industries). Caldwell-Clements, Inc., 480 Lexington Ave., New York 17, N. Y. (Technical).

b. Foreign Periodicals

Alta Frequenza. Associazione Elettrotecnica Italiana, Milano (2/2), Via San Paulo, N10. (Technical - in Italian).

Bulletin de la Societe Francaise Radio-Electrique. 55 Rue Greffulhe, Levallois-Perret (Seine). (Technical - in French).

Institution of Electrical Engineers, Proc. Wireless Section (British); Chemical Pub. Co. of N. Y., Inc., 148 Lafayette St., New York, N. Y. (Technical).

L'Onde Electrique. Published by E. Chiron, 40 rue de Seine, Paris, France. (Technical - in French).

Wireless Engineer. Published by Iliffe & Sons, Ltd., Dorset House, Stamford St., London, S.E. 1, England. (Technical).

Wireless World. Published by Iliffe & Sons, Ltd., Dorset House, Stamford St., London, S.E. 1, England. (Semitechnical).

#### 4. Books

This list comprises many of the books published on the various phases of radio. Under each subject the books are in chronological order. As a matter of convenience, the prices of some of these books are given, but this information may not be up to date.

The sources of Government publications on radio are described in Sections 1 and 2 above.

##### a. Books on Radio Principles

Principles of wireless telegraphy. G. W. Pierce. 1910. McGraw-Hill Book Co., Inc., 330 West 42nd St., New York, N. Y.

Wireless telegraphy. J. Zenneck. Translation by A. E. Seelig. 1915. 1st ed. McGraw-Hill Book Co., 330 W. 42d St., New York, N. Y.

Principles underlying radio communication. 2nd ed. 1922. Signal Corps Radio Communication Pamphlet No. 40. Obtainable from the Superintendent of Documents, Government Printing Office, Washington, D. C. \$1.00.

Robison's manual of radio telegraphy and telephony. 1927. United States Naval Institute, Annapolis, Md. \$4.00.

Propagation of wireless waves. P. Pedersen. 1927. Vimmelskaftet, Copenhagen, Denmark.

Radio engineering principles. Lauer & Brown. 2nd ed. 1927. McGraw-Hill Book Co., Inc., 330 W. 42nd St., New York, N. Y. \$3.50.

Wireless principles and practice. L. S. Palmer. 1928. Longmans, Green & Co., New York, N. Y.

Elements of radio communication. J. H. Morecroft. 1929. John Wiley & Sons, Inc., 440 Fourth Ave., New York, N. Y. \$3.00.

Radiotelegraphy and telephony. Duncan & Drew. 1929. John Wiley & Sons, Inc., 440 Fourth Ave., New York, N. Y. \$7.50.

Foundations of radio. R. L. Duncan. 1931. John Wiley & Sons, Inc., 440 Fourth Ave., New York, N. Y. \$2.50.

Experimental radio engineering. J. H. Morecroft. 1931. John Wiley & Sons, Inc., 440 Fourth Ave., New York, N. Y. \$3.50.

The radio handbook. J. A. Moyer and J. F. Wostrel. 1931. John Wiley & Sons, Inc., 440 Fourth Ave., New York, N. Y. \$3.50.

Radio elementary principles. E. E. Burns. 1932. D. Van Nostrand Co., New York, N. Y. \$2.00.

Elementary principles of wireless telegraphy. R. D. Bangay. Revised by O. F. Brown. 1933. Iliffe & Sons, Ltd., Dorset House, Stamford St., London, S.E. 1, England.

Principles of radio communication. J. H. Morecroft. 1933. 3d ed. John Wiley & Sons, Inc., 440 Fourth Ave., New York, N. Y. \$7.50

The book of practical radio. John Scott-Taggart. 1935. Wireless and Television Review, Cobbs Court, Broadway, London, E.C. 4, England.

Phenomena in high-frequency systems. A. Hund. 1935. McGraw-Hill Book Co., 330 W. 42nd St., New York, N. Y. \$6.00.

The fundamentals of radio. R. R. Ramsey. 2nd ed. 1935. Bloomington, Ind. \$3.50.

Principles of radio engineering. R. S. Glasgow. 1936. McGraw-Hill Book Co., 330 W. 42nd St., New York, N. Y. \$4.00.

Communication engineering. W. L. Everitt. 2nd ed. 1937. McGraw-Hill Book Co., Inc., 330 West 42nd St., New York, N. Y. \$5.00.

Radio engineering. F. E. Terman. 2nd ed. 1937. McGraw-Hill Book Co., Inc., 330 W. 42nd St., New York, N. Y. \$5.50.

Modern radio communication. J. H. Reyner. 2 volumes. 1938. Pitman Publishing Co., New York City.

The radio manual. G. E. Sterling. 1938. 3d ed. D. Van Nostrand Co., 250 Fourth Ave., New York, N. Y. \$6.00.

Experimental radio. 4th ed. 1938. R. R. Ramsey. Bloomington, Ind. \$2.75.

High-frequency alternating currents. K. McIlwain and J. G. Brainerd. John Wiley & Sons, Inc., 440 Fourth Ave., New York, N. Y. \$6.00.

Understanding radio. H. M. Watson and G. S. Eoy. 1941. McGraw-Hill Book Co., New York City. \$2.80.

Experimental radio engineering. E.T.A. Rapson and E. G. Ackermann. 1941. Pitmans, London, England.

Radio engineering handbook. K. Henney. 3d ed. 1941. McGraw-Hill Book Co., Inc., 330 W. 42nd St., New York, N. Y. \$5.00.

Electromagnetic theory. J. A. Stratton. 1941. McGraw-Hill Book Co., Inc., 330 W. 42nd St., New York, N. Y. \$6.00.

Communication and electronics (Electrical Engineer's Handbook). 3d ed. revised. H. Pender and K. McIlwaine. 1942. John Wiley & Sons, 440 Fourth Ave., New York, N. Y. \$5.00.

Practical radio communication. A. R. Nilson and J. L. Horning. 2nd ed. 1942. McGraw-Hill Book Co., 330 W. 42nd St., New York, N. Y. \$6.00.

Basic radio. J. B. Hoag. 1942. D. Van Nostrand Co., Inc., New York, N.Y. \$3.25.

The electrical fundamentals of communications. A. L. Albert. 1942. McGraw-Hill Book Co., Inc., New York, N. Y. \$3.50.

Fundamentals of electric waves. H. H. Skilling. 1942. John Wiley & Sons, Inc., New York, N. Y. \$2.75.

Fundamentals of radio. W. L. Everitt, E. C. Jordan, P. H. Nelson, W. C. Osterbrook, F. H. Pumphrey, etc. 1942. Prentice Hall Inc., 70 Fifth Ave., New York, N. Y. \$5.00.

A course in radio fundamentals. G. Grammer. 1943. American Radio Relay League, W. Hartford, Conn. 50¢

Radio Engineer's Handbook. F. E. Terman. 1943. McGraw-Hill Book Co., Inc., New York, N. Y. \$7.00.

Electromagnetic waves. S. A. Schelkunoff. 1943. D. Van Nostrand Co., Inc., New York, N. Y. \$7.50.

Elements of radio. 2 volumes. A. Marcus and Wm. Marcus. 1943. Prentice-Hall, Inc., 70 Fifth Ave., New York, N. Y. \$4.00.

Laboratory manuals for fundamentals of radio. C. W. Caldwell. 2 books. 1943. Obtainable Lafayette Radio Corp., 901 W. Jackson Blvd., Chicago 7, Ill. \$1.35 each.

Ghirardi's radio physics course. 1943. A. A. Ghirardi. Radio & Technical Publishing Co., 45 Astor Pl., New York 3, N. Y. \$5.00.

Radio materiel guide. F. E. Olmstead and F.R.L. Tuthill. 1943. McGraw-Hill Book Co., 330 W. 42nd St., New York, N. Y. \$2.00.

Pre-service course in radio. Vin Zeluff and John Painting. 1943. John Wiley & Sons, Inc., New York, N. Y. \$2.50.

Practical radio for war training - 1943. Supreme Publications, 328 S. Jefferson St., Chicago 6, Ill. \$2.95.

"ABC of Radio". 1943. Electronics Department, General Electric Co., Schenectady, N. Y. 25¢

First principles of radio communication. 1943. A. Morgan. D. Appleton-Century Co., Inc., New York, N. Y. \$3.00.

Experiments in electronics and communication engineering. E. H. Schulz and L. T. Anderson. Illinois Inst. of Technology. 1943. Harper Bros., New York, N. Y. \$3.00.

Fundamental radio experiments. R. C. Higgy. 1943. John Wiley & Sons, Inc., New York, N. Y. \$1.50.

Fundamentals of radio communication. 1944. A. R. Frey. Longmans, Green & Co., New York, N. Y. \$4.00.

Physics and radio. M. Nelkon. 1944. E. Arnold & Co., Ltd., 41 Maddox St., London W1, England.

Electrical essentials of radio. 1944. M. Slutzberg and W. Osterheld. McGraw-Hill Book Co., New York, N. Y. \$4.00.

Radio fundamental principles and practices. F. E. Almstead, K. E. Davis, G. K. Stone. 1944. McGraw-Hill Book Co., 330 W. 42nd St., New York, N. Y. \$3.00.

Basic radio. C. L. Boltz. Ronald Press Co., New York, N. Y. 1944. \$2.25.

FM radio handbook. FM & Television. 511 Fifth Ave., New York, N. Y. \$1.50.

Fields and waves in modern radio. S. Ramo and J. R. Whinnery. 1944. John Wiley & Sons, New York, N. Y. \$5.00.

Radio waves and the ionosphere. 1944. T. W. Bennington. Iliffe & Sons, London, England.

Introduction to practical radio. D. J. Tucker. 1945. MacMillan Co., 60 Fifth Ave., New York, N. Y. \$3.00.

Introduction to practical radio. 1945. D. J. Tucker. MacMillan Co., 60 Fifth Ave., New York, N. Y.

Electromagnetic engineering. Vol. 1. 1945. R.W.P. King. McGraw-Hill Book Co., 330 W. 42nd St., New York, N. Y. \$6.00.

Principles of radio. Keith Henney. 5th ed. 1945. John Wiley & Sons, Inc., 440 Fourth Ave., New York, N. Y. \$3.50.

Elementary electric circuit theory. R. H. Frazier. 1946. McGraw-Hill Book Co., 330 W. 42nd St., New York, N. Y. \$4.00.

Radar. O. E. Dunlap. 1946. Harper Bros., 49 E. 33d St., New York, N. Y. \$2.50.

Principles of radio for operators. R. Atherton. 1946. MacMillan Co., 60 Fifth Ave., New York, N. Y. \$3.75.

Principles of radar. MIT Staff. 1946. McGraw-Hill Book Co., 330 W. 42nd St., New York, N. Y. \$5.00.

Radar system engineering. 1947. L. N. Ridenour. McGraw-Hill Book Co., 330 W. 42nd St., New York, N. Y. \$7.50.

b. Books on High Frequencies (Short Waves)

Physik und Technik der Ultrakurzen Wellen. H. E. Hollman. 1st Band-Erzeugung ultrakurzwelliger Schwingungen. (Physics and Engineering Development of Ultra-Short Waves - Vol. 1 - Generation of ultra-short wave oscillations). J. Springer. 1936.

The medical applications of the short wave current. W. Bierman and M. M. Schwarzschild. 1938. William Wood & Co., Inc., Baltimore, Md.

Short wave diathermy. Tibor de Cholnoky. 1938. Columbia University Press, New York City. \$4.00.

Radio antenna handbook. 1940. Radio, 1422 N. Highland Ave., Los Angeles, Calif. 75¢

The ARRL antenna handbook. 1940. American Radio Relay League, West Hartford, Conn. 50¢

"Radio" handbook. 9th ed. Radio, 1422 N. Highland Ave., Los Angeles, Calif.

Short wave radio. J. H. Reyner. 3d ed. 1942. Pitman Publishing Co., New York City.

Ultra-high frequency technique. J. G. Brainerd, G. Koehler, H. J. Reich, L. F. Woodruff. 1942. D. Van Nostrand Co., Inc., New York, N. Y. \$4.50.

Hyper and ultra-high frequency engineering. R. Sarbacher and W. Edson, 1942. John Wiley & Sons, Inc., 440 Fourth Ave., New York, N. Y.

Microwave transmission. J. C. Slater. 1942. McGraw-Hill Book Co., 330 W. 42nd St., New York, N. Y. \$3.50.

Short wave wireless communication. A. W. Ladner and C. R. Stoner. 1943. John Wiley & Sons, Inc., 440 Fourth Ave., New York, N. Y. \$6.00.

Ultra-high-frequency radio engineering. W. L. Emery. 1944. MacMillan Co., New York, N. Y.

Introduction to microwaves. S. Ramo. 1945. McGraw-Hill Book Co., New York, N. Y. \$1.75.

V.H.F. Radio simplified. 1945. M. S. Kiver. D. Van Nostrand Co., Inc., 250 Fourth Ave., New York 3, N. Y. \$3.25.

Understanding microwaves. V. J. Young. 1946. J. F. Rider, 404 Fourth Ave., New York, N. Y. \$6.00.

The ARRL handbook. 1947. American Radio Relay League, W. Hartford, Conn. \$1.25.

#### c. Books on Radio Measurement

Prepared radio measurements with self-computing charts. Ralph Batcher. 1921. Wireless Press, Inc., 326 Broadway, New York, N. Y.

Radio-frequency measurements. E. B. Moullin. 2d ed. 1931. J. B. Lippincott, 227 South 6th St., Philadelphia, Pa. \$12.50.

High-frequency measurements. A. Hund. 1933. McGraw-Hill Book Co., Inc., 330 W. 42nd St., New York, N. Y. \$5.00.

Measurements in radio engineering. F. E. Terman. 1935. McGraw-Hill Book Co., 330 W. 42nd St., New York, N. Y. \$4.00.

The measurement of inductance, capacitance, and frequency. A. Campbell and E. C. Childs. 1935. MacMillan & Co., Ltd., London, England.

Engineering Handbook of the National Association of Broadcasters. J. C. McNary. 1936. Published by National Association of Broadcasters, National Press Bldg., Washington, D. C. \$10.00.

Alternating-current measurements at audio and radio frequencies.  
D. Owen. Methuen & Co., Ltd., London, England. 1937.

Testing radio sets. 3d ed. 1937. Sherwood Press, 552 Edgewater Branch, Cleveland, Ohio. \$4.50.

Radio instruments and measurements. N.B.S. Circular 74. 1937.

Reprint of book issued in 1924. Obtainable from Superintendent of Documents, Government Printing Office, Washington, D. C. 75 cents per copy.

Standards on "Radio Receivers" and "Electroacoustics". 1938. 2 pamphlets. 50¢ each. Obtainable from Institute of Radio Engineers, 1 East 79th St., New York, N. Y.

Radio-frequency electrical measurements. H. A. Brown. 2d ed. 1938. McGraw-Hill Book Co., Inc., 330 W. 42nd St., New York, N. Y. \$4.00.

Radio-frequency measurements by bridge and resonance methods.

L. Hartshorn. 1941. John Wiley & Sons, New York, N. Y. \$4.50.

The inductance authority. E. M. Shiepe. 1942. Gold Shield Products, 350 Greenwich St., New York, N. Y. \$2.50.

A.S.T.M. Standards on electrical insulating materials. American Standards Testing Materials Headquarters, Philadelphia, Pa. 1942. \$2.25.

A-c calculation charts. 1942. J. F. Rider, Inc., New York, N. Y. \$7.50.

3 pamphlets: Standards on "Radio wave propagation -- Definitions of Terms", 20¢; "Standards on Radio wave propagation -- Measuring methods", 50¢; "Standards on Facsimile--Definitions of terms", 1942, 20¢. Obtainable from Institute of Radio Engineers, 1 East 79th St., New York, N. Y.

Radio data charts. R. T. Beatty. 1943. Iliffe & Sons, Ltd., Dorset House, Stamford St., London, S.E.1, England.

Reference data for radio engineers. 2nd ed. 1946. Federal Tel. & Tel. Co., New York, N. Y. \$2.00.

Inductance calculations. F. W. Grover. 1946. D. Van Nostrand Co., Inc., New York, N. Y. \$5.75.

#### d. Books on Vacuum Tubes

The thermionic vacuum tube and its application. H. J. Van der Bijl. 1920. McGraw-Hill Book Co., Inc., 330 W. 42nd St., New York, N. Y. \$5.00.

Theory of thermionic vacuum tube circuits. L. J. Peters. 1927. McGraw-Hill Book Co., Inc., 330 W. 42nd St., New York, N. Y.

Electron tubes and their application. J. H. Morecroft. 1933. John Wiley & Sons, Inc., 440 Fourth Ave., New York, N. Y. \$4.50.

Theory of thermionic vacuum tubes. E. L. Chaffee. 1933. McGraw-Hill Book Co., 330 W. 42nd St., New York, N. Y. \$6.00.

Electronics. R. G. Hudson. 1933. John Wiley & Sons, Inc., 440 Fourth Ave., New York, N. Y. \$2.00.

The cathode-ray oscilloscope in radio research. R. A. Watson-Watt, J. F. Herd, L. H. Bainbridge-Bell. 1933. Published by H. M. Stationery Office, London, England. Obtainable from British Information Services, 30 Rockefeller Plaza, New York, N. Y.

Electrons at work. C. R. Underhill. 1934. McGraw-Hill Book Co., Inc., 330 W. 42nd St., New York, N. Y. \$3.00.

The physics of electron tubes. L. R. Koller. 1934. McGraw-Hill Book Co., Inc., 330 W. 42nd St., New York, N. Y. \$3.00.

Thermionic emission. A. L. Reimann. 1934. John Wiley & Sons Inc., 440 Fourth Ave., New York, N. Y. \$5.50.

Industrial electronics. F. H. Gulliksen & E. H. Vedder. 1935. John Wiley & Sons, Inc., 440 Fourth Ave., New York, N. Y. \$3.50.

The cathode-ray tube at work. J. F. Rider. 1935. J. F. Rider, 404 Fourth Ave., New York, N. Y. \$2.50.

Electronics and electron tubes. E. D. McArthur. 1936. John Wiley & Sons, 440 Fourth Ave., New York, N. Y. \$2.50.

Radio receiving and television tubes. J. A. Moyer and J. F. Wostrel. 1936. 3d ed. McGraw-Hill Book Co., 330 W. 42nd St., New York, N. Y. \$4.00.

Electron tubes in industry. K. Henney. 2nd ed. 1937. McGraw-Hill Book Co., Inc., 330 W. 42nd St., New York, N. Y. \$5.00.

Fundamentals of engineering electronics. W. Dow. 1937. John Wiley & Sons, 440 Fourth Ave., New York, N. Y. \$5.00.

Fundamentals of vacuum tubes. A. V. Eastman. 1937. McGraw-Hill Book Co., 330 W. 42nd St., New York, N. Y. \$4.00.

Fundamental electronics and vacuum tubes. A. L. Albert. 1st ed. MacMillan Co., New York, N. Y. 1938. \$4.50.

The low-voltage cathode-ray tube and its applications. G. Parr. Chapman & Hall, Ltd., London, England. 1938. Obtainable from A. B. DuMont Labs., Inc., Upper Montclair, N. J. \$4.00.

Theory and design of valve oscillators. H. A. Thomas. 1939. Chapman & Hall, Ltd., London, England.

The oscillator at work. J. F. Rider. 1940. John F. Rider Publishing Co., 404 Fourth Ave., New York, N. Y. \$1.50.

Electronics. J. Millman and S. Seely. 1941. McGraw-Hill Book Co., Inc., New York, N. Y. \$5.00.

The radiotron designer's handbook. 3d ed. 1941. F. Langford Smith. RCA Mfg. Co., Harrison, N. J. \$1.00.

Principles of electron tubes. H. J. Reich. 1942. McGraw-Hill Book Co., Inc., New York, N. Y. \$3.50.

Principles of electronics. R. G. Kloeffer. 1942. John Wiley & Sons, Inc., 440 Fourth Ave., New York, N. Y. \$2.50.

A guide to cathode-ray patterns. M. Bly. 1942. John Wiley & Sons, Inc., 440 Fourth Ave., New York, N. Y. \$1.50.

Applied electronics. 1943. Electrical Engineering Staff of Mass. Inst. of Technology, Boston, Mass. John Wiley & Sons, Inc., 440 Fourth Ave., New York, N. Y. \$6.50.

High-frequency thermionic tubes. A. F. Harvey. 1943. John Wiley & Sons, Inc., 440 Fourth Ave., New York, N. Y. \$3.00.

Graphical constructions for vacuum tube circuits. A. Preisman. 1943. McGraw-Hill Book Co., 330 W. 42nd St., New York, N. Y. \$2.75.

Theory and applications of electron tubes. H. J. Reich. 1944. McGraw-Hill Book Co., 330 W. 42nd St., New York, N. Y. \$5.00.

Proceedings of the National Electronics Conference. Vol. 1. National Electronics Conference, Chicago, Ill. 1945. \$3.00.

Electronic tubes -- Industrial use. 1945. General Electric Co., Schenectady, N. Y. \$2.00.

Experiments in electronics and communication engineering. E. H. Schulz and L. T. Anderson. 1943. Harper Bros., New York, N. Y. \$3.00.

Reference manual -- Cathode-ray tubes and instruments. 1943. A. B. Du Mont Labs., Inc., 2 Main St., Passaic, N. J.

A primer of electronics. D. P. Coverly. McGraw-Hill Book Co., 330 W. 42nd St., New York, N. Y. 1944. \$2.00.

The cathode-ray tube handbook. S. K. Lawer. 1946. Sir Isaac Pitman & Sons, Ltd. Pitman House, London, England.

Electronics in industry. G. M. Chute. 1946. McGraw-Hill Book Co., 330 W. 42nd St., New York, N. Y. \$5.00.

Electronics for engineers. J. Markus and V. Zeluff. 1946. McGraw-Hill Book Co., 330 W. 42nd St., New York, N. Y. \$6.00.

Inside the vacuum tube. J. F. Rider. 1946. J. F. Rider Publishers, Inc., 404 Fourth Ave., New York 16, N. Y.

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